

Title: MOBILE APPLICATION SECURITY SYSTEM AND METHOD Inventors: Rygaard et al. Attorney Docket No.: 18511-005001 Filed August 23, 2000 Application No.: 09/645, 028

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1. Mobile application starts running on first computer 2. Mobile application is commanded to move 18 20 to second computer 6. Mobile application continues moving between computers until its tasks are done 4. Mobile application is commanded to move to third computer 3. Mobile application 5. Mobile application resumes resumes execution on execution on third computer

FIG. 1

second computer

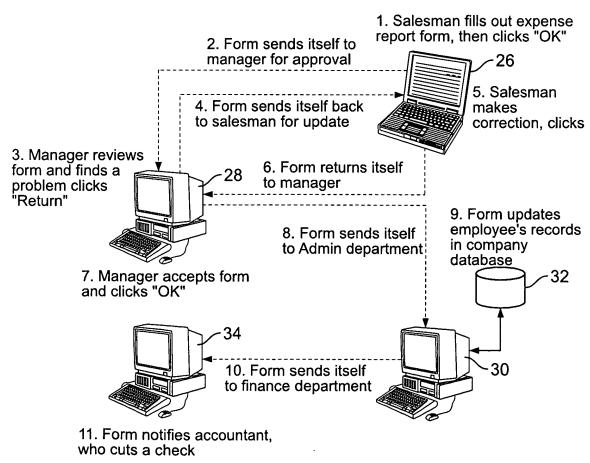


FIG. 2

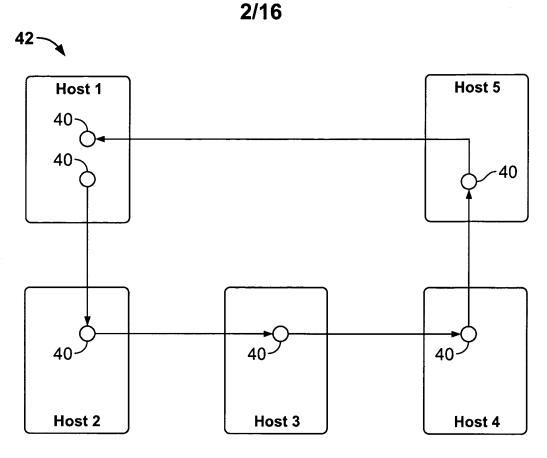


FIG. 3

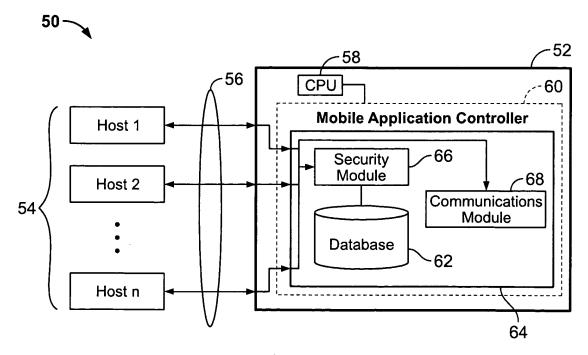
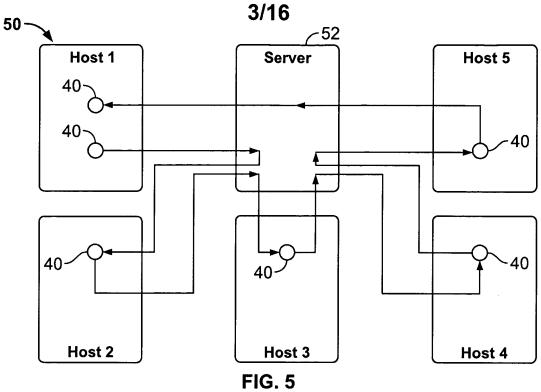


FIG. 4



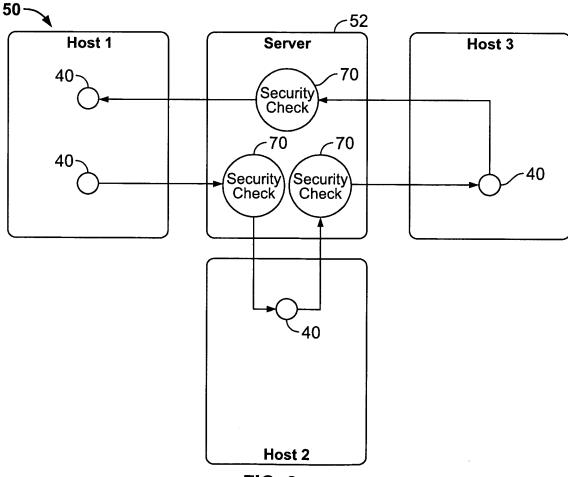
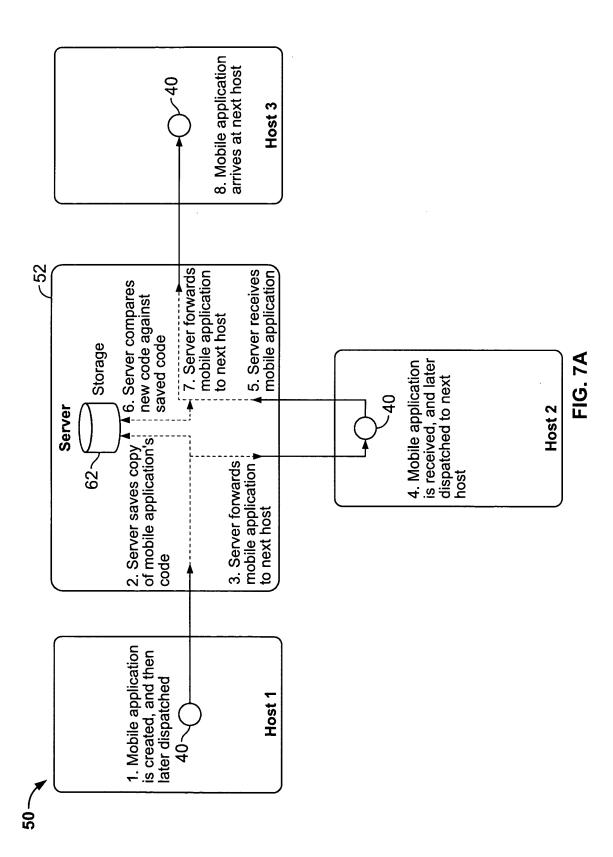


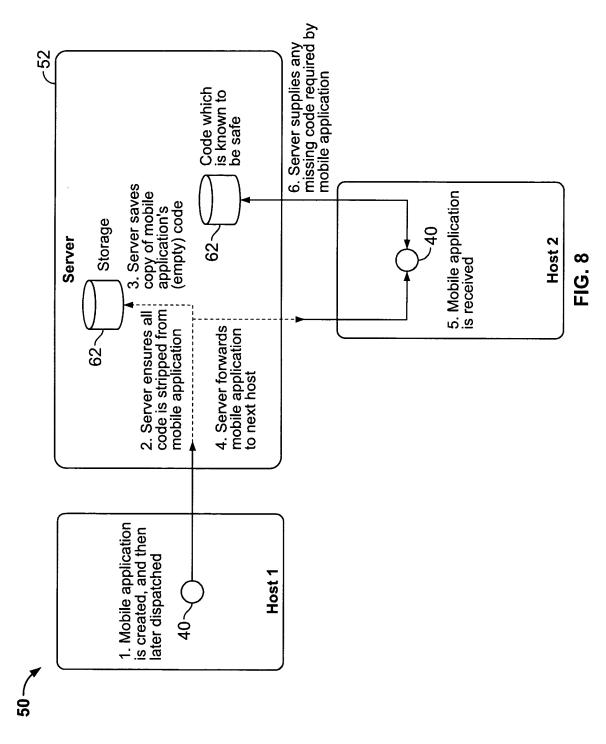
FIG. 6

#### 4/16 50--52 Server Server 62 inspects its pre-installed E. If originating host is not trusted by server, software for missing code. server inspects its If it is found, own software it is returned to If originating the current host D. If originating host does not return the missing host is trusted code, the server by server, server sends inspected its own request to originating Server receives software ► host for missing code request for missing code If originating host returns the If code is located, missing code, the it is sent to the code is sent to current host current host If code is not located, message is sent to current host Originating host inspects its own 40 pre-installed software. If the C. Send request needed code to server for is located, it is required code returned to the F. If server server returns missing code, missing code is added to mobile applications's **Originating Host** internal datastore A. Inspect mobile application's internal datastore 47 B. Inspect local host's pre-installed code. **Current Host**

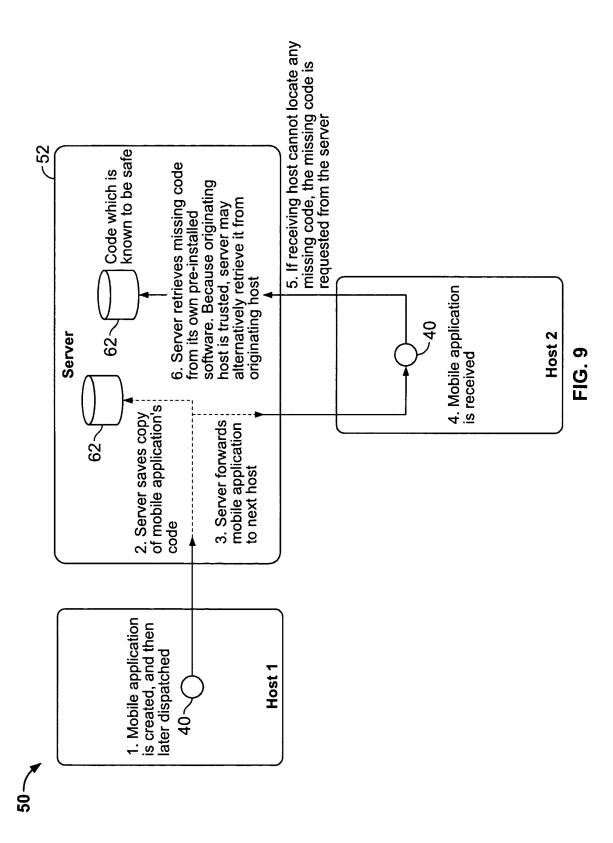
FIG. 7

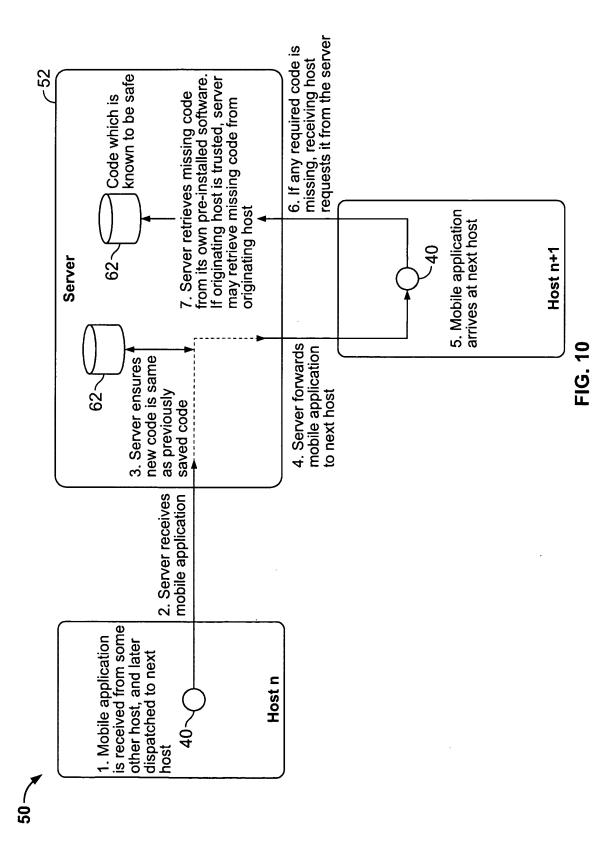
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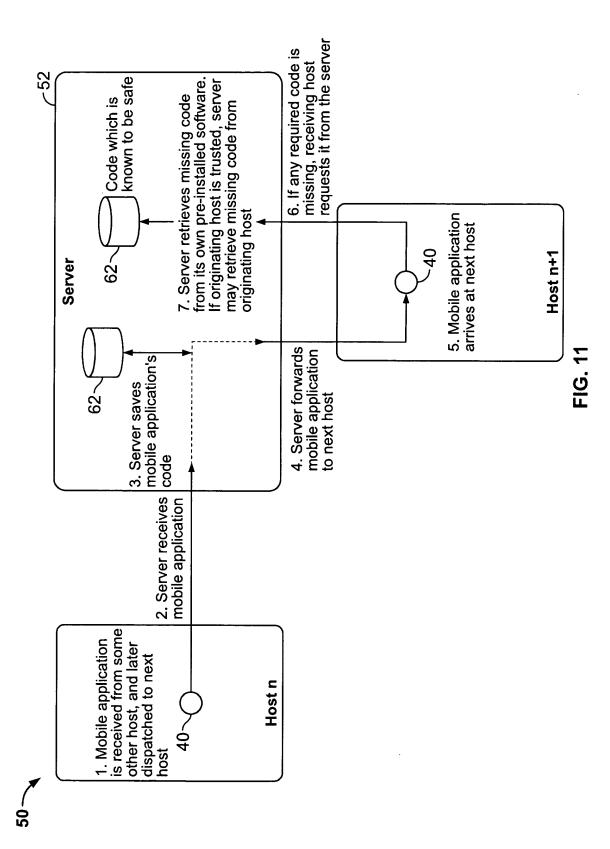


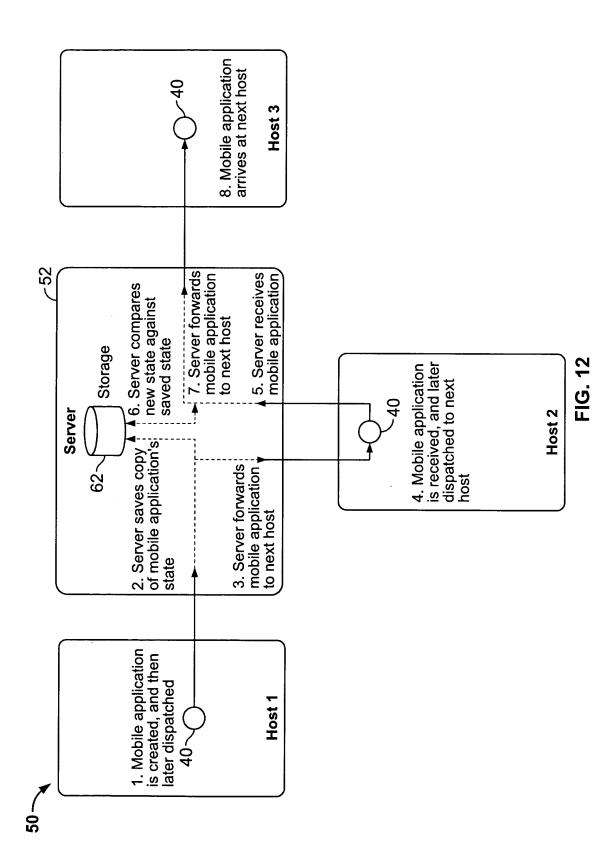


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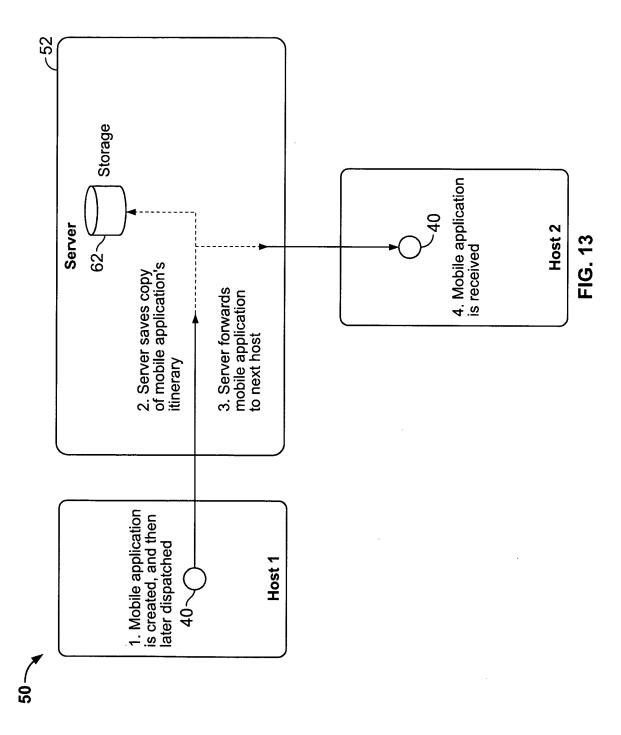




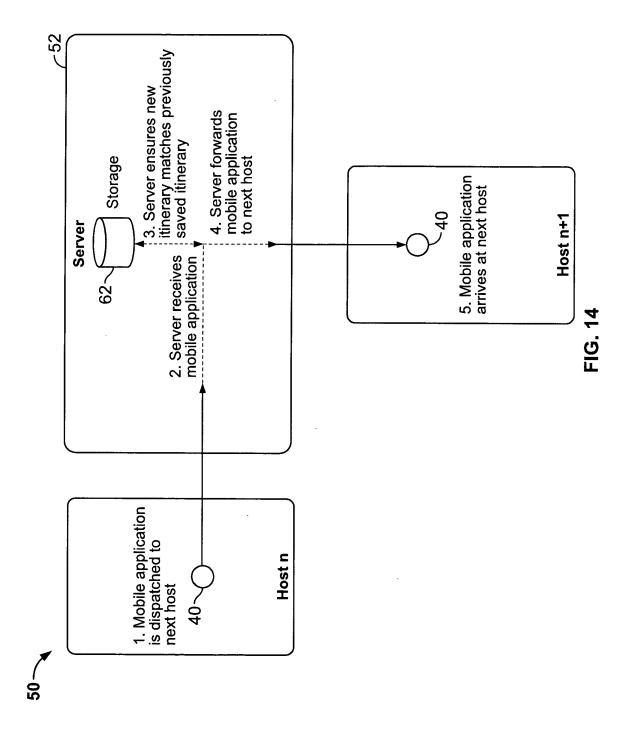




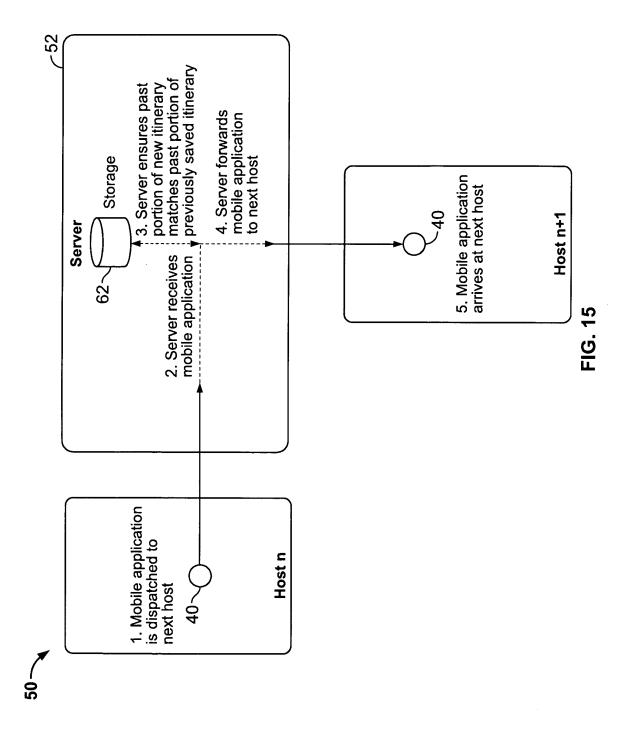
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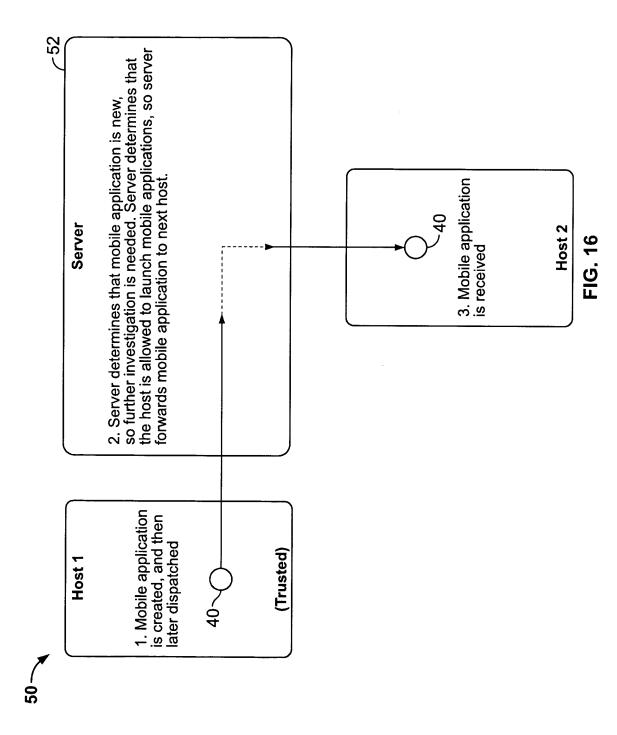


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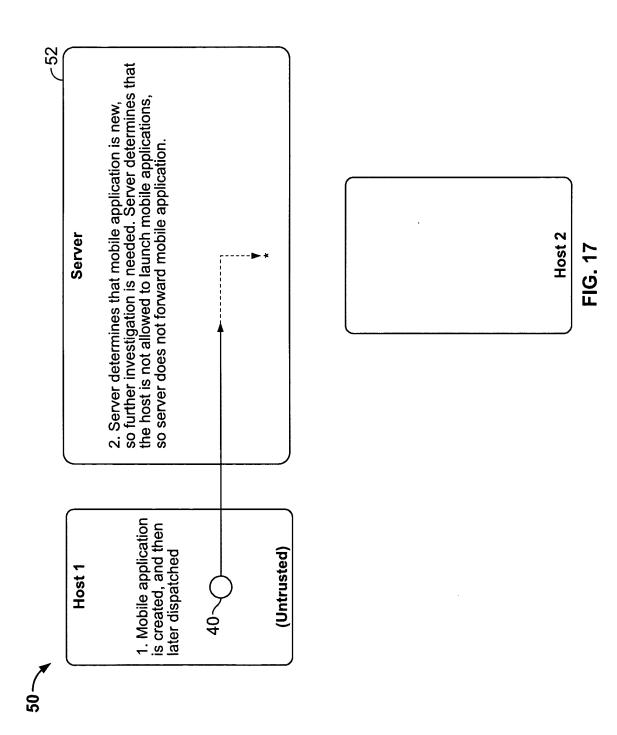


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